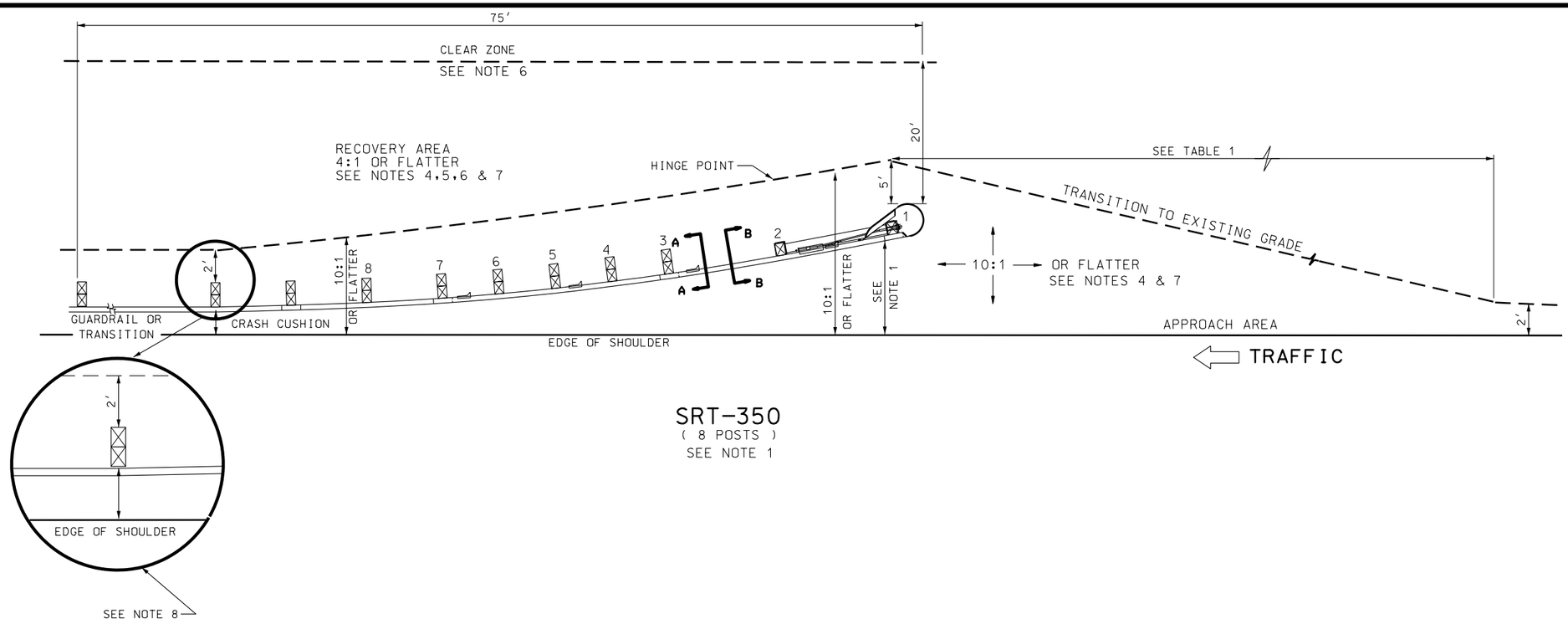
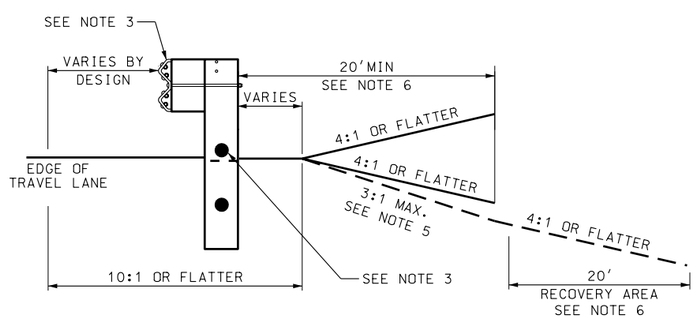
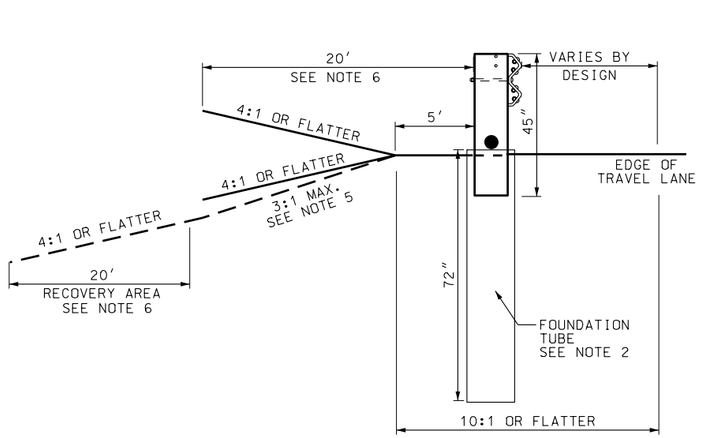


SRT-350
(8 POSTS)
SEE NOTE 1



TYPICAL SECTION A-A
POSTS 3-8



TYPICAL SECTION B-B
POSTS 1-2

TABLE 1

SPEED MPH	TAPER	MINIMUM LENGTH FEET
LESS THAN 40	7:1	70
40 TO 55	10:1	100
60 TO 75	15:1	150

NOTES FOR END SECTION TYPE H

1. THE **SRT-350** (8 POST SYSTEM), MANUFACTURED BY SYRO INC.,TRINITY INDUSTRIES. THE **SRT-350** INCORPORATES A PARABOLIC FLARE. INSTALL THIS SYSTEM USING A 4 FOOT OFFSET, FOLLOWING THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. SYSTEM CAN BE USED WITH TANGENT OR FLARED BARRIER INSTALLATIONS.
2. USE FOUNDATION TUBES, 72 INCHES LONG, AND SHORTEN BREAKAWAY POSTS AT POST 1 AND 2. THE TOP OF FOUNDATION TUBE IS NO GREATER THEN 4 INCHES ABOVE GROUND LEVEL.
3. SYSTEM USES WOOD CONTROL RELEASE TERMINAL (**CRT**) POSTS AT POSTS 3 THROUGH 8 WITH WOOD BLOCKS AND SLOTTED RAIL ELEMENTS. PLACE THE BOTTOM OF THE TOP HOLE OF THE **CRT** POST AT GROUND LEVEL. RAIL ELEMENT IS NOT ATTACHED AT POSTS 7 AND 8.
4. COMPLETE SLOPE GRADING REQUIREMENTS PRIOR TO INSTALLATION. A SLOPE OF 10:1 TO THE RAIL ELEMENT FACE, APPROACH AREA AND DIRECTLY BEHIND THE SYSTEM IS REQUIRED. NO SLOPES GREATER THAN 4:1 TO THE EXISTING SLOPE AT THE HINGE POINTS BEHIND THE SYSTEM AND THE APPROACH AREA TRANSITION.
5. USE A 4:1 OR FLATTER FILL SLOPE IN RECOVERY AREA, IF IMPRACTICAL, USE A MAXIMUM 3:1 FILL SLOPE AND ESTABLISH A RECOVERY AREA AT THE TOE OF THE 3:1 FILL SLOPE. WHEN USED WITH A CUT SLOPE A 4:1 OR FLATTER CUT IS REQUIRED IN THE RECOVERY AREA.
6. RECOVERY AREA 20 FEET X 75 FEET MINIMUM. MAY NEED TO BE GREATER TO MEET AASHTO CLEAR ZONE REQUIREMENTS FROM THE EDGE OF TRAVEL LANE.
7. CLEAR RECOVERY AND APPROACH AREAS OF ANY FIXED OBJECTS.
8. USE GUARDRAIL TRANSITION, STD DWG BA 4A, WHEN ATTACHING SYSTEM TO CONCRETE BARRIER OR BRIDGE PARAPET.
9. INSTALL REQUIRED MARKINGS AS PER STD DWG CC 1.
10. REFER TO THE GUIDELINES FOR CRASH CUSHIONS FOR SPECIFIC SYSTEM INFORMATION.

REVISIONS

NO.	DATE	APPR.	REMARKS
1	10/16/02	F.W.	CORRECTED STD.DWG.CALLOUT FROM BA 2B TO BA 4A IN NOTE 6.
2	01/29/03	G.S.	REVISED DRAWINGS, MAKING TWO DRAWINGS AND REVISED ALL NOTES

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — APR.24,2003 DATE

CHAIRMAN STANDARDS COMMITTEE APPROVED — APR.24,2003 DATE

DEPUTY DIRECTOR

STANDARD DRAWING TITLE

GRADING & INSTALLATION DETAILS CRASH CUSHION TYPE H

STD DWG
CC 9B

DGN File:N:\Eng\Standard_Drawings\Imperial\Approved\Crash Cushions (CC)\cc09b.dgn
08-OCT-2003